

Disaggregation Summary Report

Test Date: 09/15/08

State: INDIANA

Grade: 4

Purpose

This report describes group achievement for selected reporting populations.



English/language arts		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
All Students		78094	7781	10	49411	63	57192	73	20470	26	432	1	461.1/462.7	59.5
General Education														
TOTAL General Education		65338	7335	11	44265	68	51600	79	13420	21	318	0	469.7/468.8	53.8
Special Education														
With accommodations		7551	54	1	1893	25	1947	26	5508	73	96	1	390.2/393.5	60.4
Without accommodations		5205	392	8	3253	62	3645	70	1542	30	18	0	454.6/456.6	58.0
TOTAL Special Education		12756	446	3	5146	40	5592	44	7050	55	114	1	416.6/419.3	67.4
Limited English Proficiency														
With accommodations		2496	17	1	938	38	955	38	1460	58	81	3	411.8/417.4	56.9
Without accommodations		1662	54	3	1008	61	1062	64	531	32	69	4	444.4/446.6	51.2
TOTAL Limited English Proficiency		4158	71	2	1946	47	2017	49	1991	48	150	4	424.7/428.8	57.0
Non-Limited English Proficiency														
With accommodations		7521	67	1	1999	27	2066	27	5359	71	96	1	392.7/395.8	60.8
Without accommodations		66415	7643	12	45466	68	53109	80	13120	20	186	0	470.9/470.1	53.3
TOTAL Non-Limited English Proficiency		73936	7710	10	47465	64	55175	75	18479	25	282	0	463.0/464.5	59.0
Gender														
Male		39793	2629	7	24580	62	27209	68	12316	31	268	1	451.5/455.2	58.5
Female		38187	5149	13	24784	65	29933	78	8099	21	155	0	471.1/471.1	58.9
No valid information		114	3	3	47	41	50	44	55	48	9	8	425.8/426.7	60.9
SES														
Paid lunch		43116	6366	15	29356	68	35722	83	7252	17	142	0	477.6/478.2	56.3
Free or reduced lunch		34768	1407	4	19956	57	21363	61	13128	38	277	1	440.7/444.1	57.0
No valid information		210	8	4	99	47	107	51	90	43	13	6	429.1/433.3	59.5
Ethnicity														
American Indian or Alaska Native		210	19	9	133	63	152	72	58	28	0	0	455.8/458.7	57.5
Black (Not of Hispanic Origin)		9689	300	3	5054	52	5354	55	4287	44	48	0	433.0/435.0	55.3
Asian or Pacific Islander		1211	252	21	694	57	946	78	190	16	75	6	484.1/486.7	70.0
Hispanic		5644	192	3	3097	55	3289	58	2278	40	77	1	436.4/439.2	56.8
White (Not of Hispanic Origin)		57514	6747	12	38062	66	44809	78	12504	22	201	0	468.2/469.8	58.3
Multiracial		3635	266	7	2277	63	2543	70	1072	29	20	1	454.6/456.2	56.2
No valid information		191	5	3	94	49	99	52	81	42	11	6	430.0/432.7	55.3
Migrant		8	***	***	***	***	***	***	***	***	***	***	***/***	***

The cut score at Pass is 429. The cut score at Pass+ is 532.

The Lowest/Highest Scale Score Possible for English/language arts is 110/700.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

*** Value not computed for fewer than 10 students

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Mathematics		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
All Students		78094	11399	15	45570	58	56969	73	20899	27	226	0	447.6/450.6	64.7
General Education														
TOTAL General Education		65338	10454	16	39915	61	50369	77	14830	23	139	0	454.6/455.7	59.6
Special Education														
With accommodations		7437	229	3	2613	35	2842	38	4527	61	68	1	388.0/394.7	75.3
Without accommodations		5319	716	13	3042	57	3758	71	1542	29	19	0	443.4/446.3	66.0
TOTAL Special Education		12756	945	7	5655	44	6600	52	6069	48	87	1	411.1/418.2	76.6
Limited English Proficiency														
With accommodations		2517	97	4	1199	48	1296	51	1214	48	7	0	409.9/416.4	68.8
Without accommodations		1641	175	11	959	58	1134	69	501	31	6	0	437.7/443.1	64.2
TOTAL Limited English Proficiency		4158	272	7	2158	52	2430	58	1715	41	13	0	420.8/427.7	68.4
Non-Limited English Proficiency														
With accommodations		7411	244	3	2669	36	2913	39	4429	60	69	1	390.0/396.7	75.2
Without accommodations		66525	10883	16	40743	61	51626	78	14755	22	144	0	455.6/456.5	59.3
TOTAL Non-Limited English Proficiency		73936	11127	15	43412	59	54539	74	19184	26	213	0	449.1/451.9	64.1
Gender														
Male		39793	6245	16	22876	57	29121	73	10534	26	138	0	448.5/451.8	66.6
Female		38187	5145	13	22652	59	27797	73	10307	27	83	0	446.7/449.4	62.5
No valid information		114	9	8	42	37	51	45	58	51	5	4	409.2/411.3	78.6
SES														
Paid lunch		43116	8654	20	26458	61	35112	81	7926	18	78	0	463.0/464.2	60.8
Free or reduced lunch		34768	2734	8	19027	55	21761	63	12866	37	141	0	428.5/433.0	64.1
No valid information		210	11	5	85	40	96	46	107	51	7	3	408.4/412.0	72.7
Ethnicity														
American Indian or Alaska Native		210	25	12	118	56	143	68	66	31	1	0	438.9/440.7	65.4
Black (Not of Hispanic Origin)		9689	569	6	4751	49	5320	55	4322	45	47	0	417.0/421.9	66.5
Asian or Pacific Islander		1211	404	33	612	51	1016	84	193	16	2	0	475.3/482.3	83.6
Hispanic		5644	444	8	3113	55	3557	63	2076	37	11	0	429.6/434.3	63.9
White (Not of Hispanic Origin)		57514	9525	17	34850	61	44375	77	12993	23	146	0	454.6/456.6	61.9
Multiracial		3635	425	12	2043	56	2468	68	1154	32	13	0	438.8/442.6	64.3
No valid information		191	7	4	83	43	90	47	95	50	6	3	410.2/412.7	67.5
Migrant		8	***	***	***	***	***	***	***	***	***	***	***/**	***

The cut score at Pass is 415. The cut score at Pass+ is 510.

The Lowest/Highest Scale Score Possible for mathematics is 140/670.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%

*** Value not computed for fewer than 10 students

Group Academic Standards Summary

State: INDIANA

Grade: 4

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■ No. of Students: 78094

Test Date: 09/15/08

Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

** : Expected IPI for a student at the passing cut score

English/language arts

1. Reading Vocabulary(MC)	11	73	8.7	79.3	6.3	57400	74
2. Reading Comp.(MC,OE)	18	62	12.8	71.3	9.3	57315	74
3. Lit Response & Analysis(MC,OE)	15	72	11.6	77.7	5.7	57046	73
4. Writing Process(MC)	9	59	6.3	70.6	11.6	57500	74
5. Writing Applications(OE)	10	57	6.3	63.2	6.2	57237	74
6. Lang. Conventions(MC,OE)	13	73	10.4	78.9	5.9	57131	74

*Number of Students: 77662

Mathematics

1. Number Sense(MC,OE)	14	59	9.4	67.4	8.4	56125	72
2. Computation(MC,OE)	13	61	9.4	71.9	10.9	56693	73
3. Algebra & Functions(MC,OE)	11	52	7.2	65.3	13.3	56275	72
4. Geometry(MC,OE)	11	57	7.5	67.8	10.8	55425	71
5. Measurement(MC,OE)	12	56	7.9	65.8	9.8	56414	72
6. Problem Solving(OE)	11	18	3.6	34.1	16.1	56363	72

*Number of Students: 77868

State Summary

■ Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "IPI at Pass" scores will not result in the three-digit student score found on the Student Report.

A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed
Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

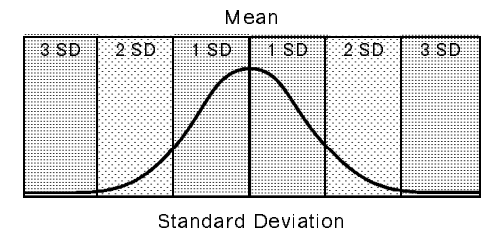
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



Applied Skills
Frequency Distribution

State: INDIANA

Grade: 4

Purpose
This report provides a frequency of condition codes obtained by Applied Skills items.



Test Date: 09/15/08

E/la	Total Number of Students	Condition Code A Blank Response		Condition Code B Illegible		Condition Code C Non - English		Condition Code D Insufficient		Condition Code E Off Topic		Invalid / Omitted Test	
Item # - Test #		N	%	N	%	N	%	N	%	N	%	N	%
Writing Applications													
1a-3-Writing Applications	78094	0	0	91	0	11	0	47	0	869	1	279	0
15a-4-Writing Applications	78094	1271	2	67	0	9	0	92	0	921	1	232	0
Lang. Conventions													
1b-3-Lang. Conventions	78094	0	0	91	0	11	0	47	0	0	0	279	0
15b-4-Lang. Conventions	78094	1271	2	67	0	9	0	92	0	0	0	232	0
Reading Comp.													
2-4-Reading Comp.	78094	1246	2	8	0	1	0	297	0	4	0	232	0
6-4-Reading Comp.	78094	1580	2	13	0	3	0	103	0	8	0	232	0
14-4-Reading Comp.	78094	2517	3	18	0	3	0	7	0	8	0	232	0
Lit Response & Analysis													
12-4-Lit Response & Analysis	78094	1403	2	59	0	2	0	19	0	34	0	232	0

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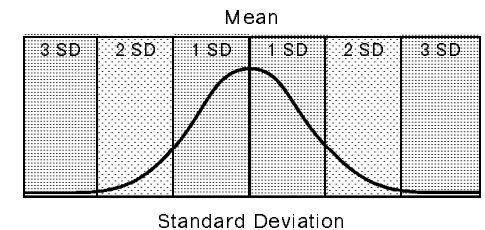
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Grade: 4

Summary of Scores			English/language arts			Mathematics		
	E/la	Math	Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass
Mean Scale Score	461.1	447.6	MSS: 562.8	MSS: 475.3	MSS: 388.1	MSS: 542.6	MSS: 459.9	MSS: 368.7
Pass Cut Score	429	415	SD: 31.1	SD: 27.4	SD: 38.9	SD: 31.5	SD: 25.9	SD: 45.8
Pass + Cut Score	532	510	L/H Obt: 532-700	L/H Obt: 429-531	L/H Obt: 110-428	L/H/Obt: 510-670	L/H/Obt: 415-509	L/H/Obt: 140-414
Standard Deviation	59.5	64.7	L/H Range: 532-700	L/H Range: 429-531	L/H Range: 110-428	L/H Range: 510-670	L/H Range: 415-509	L/H Range: 140-414
Lowest/Highest Scale Score Obtained	110-700	140-670	7781 Students	49411 Students	20470 Students	11399 Students	45570 Students	20899 Students
Lowest/Highest Scale Score Possible	110-700	140-670	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

Page 1

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